

What is claimed is:

1. A print ordering system in which a server computer having an image database storing image data and a communication terminal are capable of being connected such that they can communicate with each other through a network, wherein

said server computer comprises

an image data transmission device for transmitting the image data stored in said image database to said communication terminal in response to an image transmission request from said communication terminal,

said communication terminal comprises

a display device for displaying an image represented by the image data transmitted from said server computer, and

an order information transmission device for transmitting to said server computer order information related to prints of the image displayed on said display device,

said server computer further comprises

a storage device for storing the order information transmitted from said communication terminal,

said communication terminal further comprises

a print command transmission device for transmitting a print command to said server computer,

said server computer further comprises

a controller controlling a printer so as to print the image represented by the image data specified on the basis of the order information stored in said storage device in response to the receiving of said print command.

2. A server computer capable of being connected to a communication terminal comprising a display device capable of displaying an image such that they can communicate with each other through a network, comprising:

5           an image database storing image data;

          an image data transmission device for transmitting to said communication terminal the image data stored in said image database in response to an image transmission request from said communication terminal;

10           a storage device storing order information transmitted from said communication terminal and related to prints of an image represented by the image data transmitted by said image data transmission device; and

15           a controller controlling a printer so as to print the image represented by the image data specified on the basis of the order information stored in said storage device in response to the print command from said communication terminal.

3. The server computer according to claim 2, wherein said order information includes information related to  
20 the desired number of prints of the image represented by the image data specified by said order information.

4. The server computer according to claim 3, further comprising

25           means for calculating a print charge on the basis of the information related to said desired number of prints; and

          print charge transmission means for transmitting to said communication terminal data representing the calculated print

charge.

5. The server computer according to claim 2, further comprising

means for calculating at least a planned completion date  
5 for the prints of the image by the printer controlled by said  
printer controller in response to the print command from said  
communication terminal, and

planned completion date transmission means for  
transmitting to said communication terminal data representing  
10 the calculated planned completion date.

6. The server computer according to claim 2, further comprising

order condition information transmission means for  
transmitting to said communication terminal order condition  
15 information represented on the basis of the order information  
stored in said storage device in response to an order condition  
confirmation request from the communication terminal.

7. The server computer according to claim 2, further comprising

20 means for accepting from said communication terminal the  
transmission of display device type information related to the  
type of the display device in the communication terminal,

said image data transmission device converting the image  
data stored in said image database into image data adaptable  
25 to the display device in the communication terminal in  
accordance with the display device type information and  
transmitting the image data to the communication terminal.

8. The server computer according to claim 2, further comprising

image data registration acceptance means for accepting the registration of the image data to be stored in the image database, and

first ID generation means for generating an image ordering ID and a print commanding ID in correlation with the accepted image data in response to the acceptance of the image data by the image data registration acceptance means,

the image transmission request transmitted from the communication terminal including said image ordering ID, said image data transmission device transmitting to said communication terminal the image data correlated with the image ordering ID in response to the image transmission request from the communication terminal,

the print command transmitted from the communication terminal including the print commanding ID, and said printer controller controlling the printer so as to print an image represented by the image data correlated with the print commanding ID in response to the print command from the communication terminal.

9. The server computer according to claim 8, further comprising

password generation means for respectively generating an image ordering password corresponding to the image ordering ID and a print commanding password corresponding to the print commanding ID which are generated by the first ID generation

means, and

image data transmission judgment means for judging whether or not the image data should be transmitted to said communication terminal on the basis of the image ordering ID  
5 and the image ordering password, and

print judgment means for judging whether or not the printer should be controlled so as to print the image represented by the image data on the basis of the print commanding ID and the print commanding password,

10 the image transmission request transmitted from the communication terminal further including the image ordering password, and the image data transmission device transmitting the image data to the communication terminal when it is judged that the image data can be transmitted by the image data  
15 transmission judgment means on the basis of the image ordering ID and the image ordering password,

the print command transmitted from the communication terminal further including the print commanding password, and the printer controller controlling the printer so as to print  
20 the image represented by the image data in a case where it is judged that printing is possible by the print judgment means on the basis of the print commanding ID and the print commanding password.

10. The server computer according to claim 8, further  
25 comprising

second ID generation means for generating a member specifying ID in correlation with the image ordering ID

generated by the first ID generation means,

said member specifying ID, together with the order information, being transmitted from the communication terminal, and the storage device storing the received order  
5 information and the member specifying ID with both correlated with each other.

11. The server computer according to claim 8, further comprising

means for erasing from the image database the image data  
10 stored in the image database when a predetermined set time period has elapsed from a date for acceptance of the image data by the image data registration acceptance means.

12. The server computer according to claim 11, further comprising

15 erasure confirmation transmission means for transmitting data representing a planned erasure date to the communication terminal prior to erasing the image data by the erasure means.

13. The server computer according to claim 11, wherein  
said erasure means extends said set time period for the  
20 image data specified on the basis of the order information in response to the print command from the communication terminal.

14. A communication terminal capable of being connected  
to a server computer having an image database storing image data  
such that they can communicate with each other through a  
25 network, comprising

an image data transmission request transmission device  
for transmitting an image data transmission request to the

server computer;

a display device for displaying an image represented by the image data transmitted from said server computer;

an order information transmission device for  
5 transmitting to said server computer order information related to prints of the image represented by the image data transmitted from said server computer, and

a print order transmission device for transmitting to said server computer a print command for controlling a printer  
10 so as to print the image represented by the image data specified on the basis of the order information.

15 15. A method of controlling a print ordering system in which a server computer having an image database storing image data and a communication terminal can be connected such that they can communicate with each other through a network, wherein

transmitting from said server computer the image data stored in said image database to said communication terminal in response to an image transmission request from said communication terminal,

20 transmitting from said communication terminal, on which an image represented by the image data transmitted from said server computer is displayed, to said server computer order information related to prints of the displayed image,

storing in said server computer the order information  
25 transmitted from said communication terminal,

transmitting from said communication terminal a print command to said server computer,

controlling in said server computer a printer so as to print the image represented by the image data specified on the basis of the order information stored in said storage device in response to the receiving of said print command.

5           16. A method of controlling a server computer capable of being connected to a communication terminal having a display device capable of displaying an image such that they can communicate with each other through a network, comprising the steps of:

10           storing image data in an image database;

transmitting to said communication terminal the image data stored in said image database in response to an image transmission request from said communication terminal;

15           storing order information related to prints of an image represented by the image data transmitted from said communication terminal; and

controlling a printer so as to print the image represented by the image data specified on the basis of the order information stored in said storage device in response to a print command from said communication terminal.

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17. A method of controlling a communication terminal capable of being connected to a server computer having an image database storing image data such that they can communicate with each other through a network, comprising the steps of:

25           transmitting an image data transmission request to said server computer;

displaying an image represented by the image data



transmitted from the server computer;

transmitting to the server computer order information related to prints of the image represented by the image data transmitted from the server computer; and

5 transmitting to the server computer a print command for controlling a printer so as to print the image represented by the image data specified on the basis of the order information.

18. A printing device comprising:

a developer developing an undeveloped film;

10 a printer printing an image represented by image information recorded on a developed film; and

an image reader reading the image information recorded on the developed film and storing the read image information in a database.

15 19. A printing device comprising a first storage device storing image data and print order information acceptance means for accepting information related to a print order and printing, on the basis of said print order information, an image represented by the image data stored in said first storage  
20 device, further comprising:

a second storage device for storing for each print order member specifying information for specifying a member who has given the print order, group specifying information for specifying a group to which the member belongs, and image  
25 specifying information for specifying an image whose prints have been ordered with the information correlated with one another;

an image printer printing on the surface of printing paper the image, represented by the image data stored in said first storage device, which is specified by said image specifying information stored in said second storage device; and

5 an information printer printing on the reverse surface of the printing paper the member specifying information, the group specifying information, and the image specifying information which are stored in said second storage device in correspondence with the image printed on the surface of the  
10 printing paper.